





[illegible]







[illegible]

[illegible]





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RAB24654
ID   AAB24654 standard; Fggt138; 102 AA.
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XX   ABE24654
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XX   17-NOV-2000 (first entry)
XX
DE   Plant SDF encoded polypeptide sequence SEQ List 1 NO:70.
XX
XX   Plant; corn; Arabidopsis thaliana; sequence-determined DNA fragment;
XX   SDF; genetic mapping, identification, function, structural gene; YTP;
XX   untranslated region; expression control.
XX
OS   Plant.
XX
XX   WCC2000040695-A2.
XX
XX   13-JUL-2000.
XX
XX   07-JAN-2000; 2000WU-US004566.
XX
XX   06 JAN 1999, 99US-0115293.
XX
XX   (CERE-) CERES INC.
XX
XX   Alexandrov N, Brover V, Chon X, Subramanian G, Troukhan ME;
XX   Zheng L;
XX
XX   WPI, 2000-4659/9/40.
XX
XX   New corn plant and Arabidopsis thaliana sequence-determined DNA
XX   fragments, useful for expressing gene products and for controlling
XX   expression of a target gene -
XX
XX   Claim 10, page 358, 672pp; English
XX
XX   The present invention describes polynucleotides, such as complete cDNA
XX   sequences and/or sequences of genomic DNA encompassing complete genes,
XX   portions of genes, and/or intergenic regions, collectively referred to
XX   as sequence-determined DNA fragments (SDFs), from corn plants and
XX   Arabidopsis thaliana. The SDFs are promoters, structural genes,
XX   untranslated regions (UTRs), or 3' termination sequences. They can be
XX   used for expressing a gene product and controlling expression of a
XX   target gene, either as a promoter, a structural gene, an UTR or as a
XX   3' termination sequence. They are also useful as tools for genetic
XX   mapping, and identification of a particular individual plant or for
XX   clustering a group of plants with a common trait. AAA79433 to AAA79440
XX   and ABA64765 to AAE25099 represent the specifically claimed
XX   polynucleotide sequences and polypeptides encoded by them given in the
XX   present invention.
XX
SQ   Sequence 102 AA;
Query Match:          76.9%, Score 182.5, E: 0; Length 102,
Best Local Similarity 33.3%; Field No. 18e13; Mismatches 30, Gaps
Matches 36; Conservative 19;
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DB      1 MKIVL-----VLVVFIISTFPFAIKAEVDGDNENVSTHAPLOPLAALIGSG 54
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QY      10 AGGGGCGFVELEPFTATYGRHSKLSQVSFAKALFKACCTGVFDTC 97
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RESULT 12
RAB24795
10 AAE24795 standard; Peptide; 100 AA
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XX
DT   27-NOV-2000 (first entry)

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GenCore version 5.1.3  
Copyright 1995-2002 GenCorp Inc.

SW Protein - protein search, using SW model

Run on: January 10, 2003, 07:01:14 Search time 25 seconds  
(without alignments)  
114.16 Million cell updates/sec

Title: US-09-923-844b-4

Perfect Score: 513

Sequence: 1 WATWYVFLVWVLAWVW

WLAALVLAALVWVLELV

Scoring table: BLOSUM62

GapPen: 10.0, GapExt: 0.5

Searched: 26374 seqs, 2942222 residues

Total number of hits satisfying chosen parameters: 26374

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 98  
Maximum Match 100%

Listing first 45 summaries

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27 1996-01-11/1996-04-04 ME PPT

Pred. No is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No	Score	Query Match	Length	DB ID	Description
1	214	45.6	94	US-09-091-590A-5	Sequence 5, Appl
2	94.6	18.4	117	US-09-091-590A-5	Sequence 4, Appl
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4	93	18.1	118	US-09-091-590A-5	Sequence 4, Appl
5	93	18.1	118	US-09-091-590A-5	Sequence 4, Appl
6	92	17.2	92	US-09-091-590A-5	Sequence 4, Appl
7	88	17.2	92	US-09-091-590A-5	Sequence 4, Appl
8	88	17.2	92	US-09-091-590A-5	Sequence 4, Appl
9	87	17.2	92	US-09-091-590A-5	Sequence 4, Appl
10	87	17.2	92	US-09-091-590A-5	Sequence 4, Appl
11	87	17.2	92	US-09-091-590A-5	Sequence 4, Appl
12	87	17.2	92	US-09-091-590A-5	Sequence 4, Appl
13	86	16.8	91	US-09-091-590A-5	Sequence 4, Appl
14	86	16.8	91	US-09-091-590A-5	Sequence 4, Appl
15	83.5	16.3	93	US-09-091-590A-5	Sequence 4, Appl
16	81	16.2	90	US-09-091-590A-5	Sequence 4, Appl
17	81	16.2	90	US-09-091-590A-5	Sequence 4, Appl
18	77.5	15.1	120	US-09-091-590A-5	Sequence 4, Appl
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21	73	14.3	92	US-09-091-590A-5	Sequence 4, Appl
22	72	14.0	92	US-09-091-590A-5	Sequence 4, Appl
23	71	13.8	90	US-09-091-590A-5	Sequence 4, Appl
24	71	13.8	90	US-09-091-590A-5	Sequence 4, Appl
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35	66	12.9	90	1	US-08-591-498-3	Sequence 4, Appl
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37	66	12.9	90	1	US-08-591-498-3	Sequence 4, Appl
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## ALIGNMENTS

RESULT 1  
US-09-091-590A-5

Sequence 5, Application US-09-091-590A

Patent No. 6242574

GENERAL INFORMATION:

APPLICANT: Nielsen, Klaus

APPLICANT: Rott, Kristensen, Anne

TITLE OF INVENTION: Anti-Microbial Proteins

FILE REFERENCE: US-09-091-590A-5

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US-09-091-590A-5

US-09-091-590A-5







MOLECULE TYPE: protein  
ORIGINAL SOURCE: CW18  
ORGANISM: CW18  
US-09-923-844b-4.rai

Query Match 17.98, Score 92, DB 1, Length 90;  
Best Local Similarity 34.63, Prod No. 00004;  
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DB 1 AITQVNSALDE LAYANLSDISFASALN WFLASLARSTAF,ALN 11 LVSF 56

QY 75 RQVSVAAAKIASQGVSP 95  
DB 57 AGAVNAGRAAGIPSPGVSP 77

RESULT 7  
US-09-923-844b-4.rai  
Sequence 3, Application US/08404607  
Patent No. 6147281  
GENERAL INFORMATION:  
APPLICANT: FRANCISCO CAPRIA-OLMEDO et al.  
TITLE OF INVENTION: NOVEL ANTITUMORGENIC PEPTIDES AND  
TITLE OF INVENTION: COMPOSITIONS CONTAINING SAME  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESS: Wenderoth, Lind & Porack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 08/404607, 95  
FILING DATE: 07/04/94  
PRIOR APPLICATION NUMBER: 07/404604  
FILING DATE: January 25, 1993  
ATTORNEY AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,167  
REFERENCE/DOCKET NUMBER:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO. 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 90 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYDROPHILIC:  
ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPLOTYPE:  
TISSUE TYPE:  
CELL TYPE:  
CELL LINE:

ORGANELLE:  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE:  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT:  
MAP POSITION:  
UNITS:  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
LOCUMINT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO. 3  
US-09-923-844b-4.rai

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Matches 27, Conservative 8, Mismatches 19, Indels 19, Gaps 4;

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DB 1 AITQVNSALDE LAYANLSDISFASALN WFLASLARSTAF,ALN 11 LVSF 56

QY 75 RQVSVAAAKIASQGVSP 95  
DB 57 AGAVNAGRAAGIPSPGVSP 77

RESULT 8  
US-09-923-844b-4.rai  
Sequence 3, Application US/08404607  
Patent No. 6147281  
GENERAL INFORMATION:  
APPLICANT: FRANCISCO CAPRIA-OLMEDO et al.  
TITLE OF INVENTION: NOVEL ANTITUMORGENIC PEPTIDES AND  
TITLE OF INVENTION: COMPOSITIONS CONTAINING SAME  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESS: Wenderoth, Lind & Porack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 08/404607, 95  
FILING DATE: 07/04/94, 95  
PRIOR APPLICATION NUMBER: 07/404604, 95  
FILING DATE: March 15, 1993  
CLASSIFICATION: 800  
PUBLICATION NUMBER: 08/404607, 95  
FILING DATE: 07/04/94, 95  
ATTORNEY AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,167  
REFERENCE/DOCKET NUMBER:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:

ORGANISM. Beta vulgaris  
US-08-632-511A-2

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; TYPE: PRT
; ORGANISM: Beta vulgaris

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TYPE: PRI  
ORGANISM: Be  
US-09-091-590A-8

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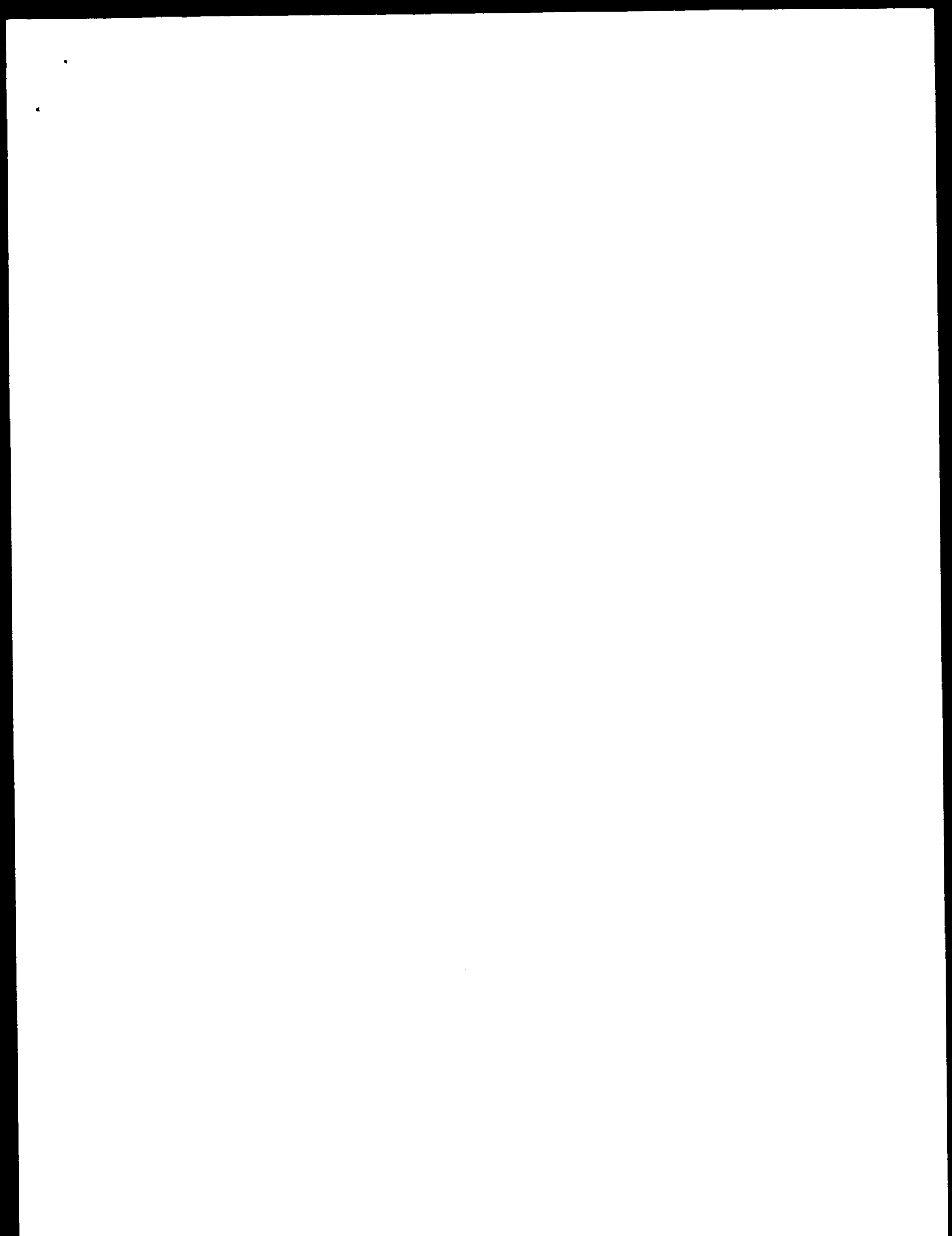
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US-08-632-511A-1
Sequence 1, Application US/38632511A
Patent No. 5218508
GENERAL INFORMATION:
APPLICANT: Frach, Karsten M
APPLICANT: Mikkelsen, John D
APPLICANT: Nielsen, Klaus F
TITLE OF INVENTION: Anti-microbial proteins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: SANDOZ AGRO. INC.
STREET: 975 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: CA94304-1104
CONTACT EMAIL: FPM
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
GENERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 08/68/632,511A
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Marcus Wyner, Lynn
REGISTRATION NUMBER: 41,869
REFERENCE/AGENT NUMBER: 187-1083
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-354-3588
INFORMATION FOR SEQ ID NO. 1:
SEQUENCE CHARACTERISTICS
LENGTH: 91 amino acids
TYPE: amino acid
STRANDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: protein
HYDROPHILIC: NO
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Beta vulgaris
US-08-632-511A-1
Query Match: 100%
Best Local Similarity: 100%
Matches: 20, Conservative: 15, Identical: 31, Gaps: 10
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DY 61 IYGHVASLPCCGVSP 78
RESULT 14
US-09 498-210-1
Sequence 1, Application US/09498200
Patent No. 6300103
GENERAL INFORMATION:
APPLICANT: Frach, Karsten M
APPLICANT: Mikkelsen, John D
APPLICANT: Nielsen, Klaus F
TITLE OF INVENTION: Anti-microbial proteins
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: SANDOZ AGRO. INC.
STREET: 975 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: CA94304-1104
CONTACT EMAIL: FPM
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
GENERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 09/08/498,210
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Marcus Wyner, Lynn
REGISTRATION NUMBER: 41,869
REFERENCE/AGENT NUMBER: 187-1083
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-354-3588
INFORMATION FOR SEQ ID NO. 1:
SEQUENCE CHARACTERISTICS
LENGTH: 91 amino acids
TYPE: amino acid
STRANDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: protein
HYDROPHILIC: NO
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Beta vulgaris
US-09-498-210-1
Query Match: 100%
Best Local Similarity: 100%
Matches: 20, Conservative: 15, Identical: 31, Gaps: 10
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QY 78 VSIKAKELASQNSVSP 95
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      2  FILING DATE: 28-JAN-1996
      3  CLASSIFICATION: 800
      4  PRIOR APPLICATION DATA:
      5  APPLICATION NUMBER: PCT/GB94/01636
      6  FILING DATE: 23-JUN-1994
      7  PRIOR APPLICATION DATA:
      8  APPLICATION NUMBER: US-01/0816,8
      9  FILING DATE: 27-AUG-1993
     10  PRIOR APPLICATION DATA:
     11  APPLICATION NUMBER: 38,340,026
     12  FILING DATE: 04-AUG-1993
     13  INFORMATION FOR SEQ. ID NO. 14:
     14  SEQUENCE CHARACTERISTICS:
     15  LENGTH: 93 amino acids
     16  TYPE: amino acid
     17  STRANDEDNESS: single
     18  TOPOLOGY: linear
     19  MOLECULE TYPE: protein
     20  ORIGINAL SOURCE:
     21  ORGANISM: Dm-nsltp
     22  US-08-691-498-14

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**THE UNIVERSITY OF CHICAGO**

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( )  
23  
24  
25

1. *Introduction*

us-09-923-844b-4.rapb

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Db      30 KAPZLTSSELMAITRM-----AATATCCQLSDELLADGFSADIIICHLIRHEM 82
QY      40 SSSQPPSGSCC-SAYRPEFCFEGYHFNPSLRFVSPA 81
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Db      83 TPVPNGVGJCTSSYANKRCTCSSLVVDET--IVFFA 117

RESULT 12
US-10-115-701A-8
; Sequence 8, Application US/10115701A
; Patent No. US2002018756A1
; GENERAL INFORMATION
; APPLICANT: Murgita, Robert A.
; TITLE OF INVENTION: Formulating Alpha-Fetoprotein for
; TITLE OF INVENTION: Treating and Diagnosing Cancers
; FILE REFERENCE: 06/27/004003
; CURRENT APPLICATION NUMBER: US/10/115.701A
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 08/758,757
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 08/758,757
; PRIOR FILING DATE: 1998-04-03
; PRIORITY APPLICATION NUMBER: 08/758,757
; PRIOR FILING DATE: 1996-12-03
; PRIOR APPLICATION NUMBER: 08/377,311
; PRIOR FILING DATE: 1995-01-24
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 325
; TYPE: PRO
; ORGANISM: Homo sapiens
; US-10-115-701A-8

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Best Local Similarity 27.6%; Pred. NO. 8.5;
Matches 47, Conservative 12, Mismatches 31, Indels 0, Gaps 57
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QY      45 SSSQPPSGSCC-SAYRPEFCFEGYHFNPSLRFVSPA 81
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RESULT 13
US-09-940-308-8
; Sequence 8, Application US/09940308
; Publication No. US20020193297A1
; GENERAL INFORMATION
; APPLICANT: Murgita, Robert A.
; TITLE OF INVENTION: Resembling Human Alpha-Fetoprotein Agent
; TITLE OF INVENTION: an Immunoconjugate
; FILE REFERENCE: 06/27/005003
; CURRENT APPLICATION NUMBER: US/09/940.308
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 09/186,723
; PRIOR FILING DATE: 1998-11-05
; PRIOR APPLICATION NUMBER: US 08/377,309
; PRIOR FILING DATE: 1995-01-24
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 8
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; ORGANISM: Homo sapiens
; US-09-940-308-8

Query Match:          100%, Score 60, E-Val 0, Length 305
Best Local Similarity 27.6%; Pred. NO. 8.5;
Matches 47, Conservative 12, Mismatches 31, Indels 0, Gaps 57

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 QY 40 SSSQFLLSSGCT--GVVFFKCFPCFCTVLFHNSLP FVFFA 81  
 Db 83 TPVNPFGVGVCTSSYANKRRCFSSLVVDET--VFFFA 117  
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 US-10-115-701A-8  
 ; Sequence 8, Application US/10115701A  
 ; Patent No. US2002018756A1  
 ; GENERAL INFORMATION  
 ; APPLICANT: Murgita, Robert A.  
 ; TITLE OF INVENTION: Formulation Alpha-Fetoprotein for  
 ; TITLE OF INVENTION: Treating and Diagnosing Cancers  
 ; FILE REFERENCE: 06/27/004003  
 ; CURRENT APPLICATION NUMBER: US/10/115.701A  
 ; CURRENT FILING DATE: 2001-04-04  
 ; PRIOR APPLICATION NUMBER: 08/758,757  
 ; PRIOR FILING DATE: 2000-11-01  
 ; PRIOR APPLICATION NUMBER: 08/758,757  
 ; PRIOR FILING DATE: 1998-04-09  
 ; PRIORITY APPLICATION NUMBER: 08/758,757  
 ; PRIOR FILING DATE: 1996-12-03  
 ; PRIOR APPLICATION NUMBER: 08/377,311  
 ; PRIOR FILING DATE: 1995-01-24  
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 ; LENGTH: 325  
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 ; ORGANISM: Homo sapiens  
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 Db 207 TPVNPFGVGVCTSSYANKRRCFSSLVVDET--VFFFA 241  
 RESULT 13  
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 ; Sequence 8, Application US/09940308  
 ; Publication No. US20020193297A1  
 ; GENERAL INFORMATION  
 ; APPLICANT: Murgita, Robert A.  
 ; TITLE OF INVENTION: Resonant Human Alpha-Fetoprotein-Antibody Agent  
 ; TITLE OF INVENTION: an Immunosuppressive Agent  
 ; FILE REFERENCE: 06/27/005003  
 ; CURRENT APPLICATION NUMBER: US/09/940,308  
 ; CURRENT FILING DATE: 2001-08-27  
 ; PRIOR APPLICATION NUMBER: US 09/186,723  
 ; PRIOR FILING DATE: 1998-11-05  
 ; PRIOR APPLICATION NUMBER: US 08/377,309  
 ; PRIOR FILING DATE: 1995-01-24  
 ; NUMBER OF SEQ ID NOS: 16  
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 ; ORGANISM: Homo sapiens  
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RESULT 14  
US-10-115-701A-7

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1  GENERAL INFORMATION
2  APPLICANT: Murgita, Robert A.
3  TITLE OF INVENTION: Recombinant Alpha-Fetoprotein for
4  TREATING AND DIAGNOSING CANCERS
5  FILE REFERENCE: 06/077,004/03
6  CURRENT APPLICATION NUMBER: 06/077,311/15,701A
7  CURRENT FILING DATE: 2002-04-04
8  PRIOR APPLICATION NUMBER: 06/758,757
9  PRIOR FILING DATE: 2000-11-01
10 PRIOR APPLICATION NUMBER: 06/758,757
11 PRIOR FILING DATE: 1998-04-09
12 PRIOR APPLICATION NUMBER: 06/758,757
13 PRIOR FILING DATE: 1996-12-03
14 PRIOR APPLICATION NUMBER: 06/237,311
15 PRIOR FILING DATE: 1995-01-24
16 NUMBER OF SEQ. ID NOS.: 15
17 SOFTWARE: FASTASY for Windows Version 4.0
18 SEQ. ID NO. 7
19 LENGTH: 393
20 TYPE: PRT
21 ORGANISM: Homo sapiens
22 IS-10-115-701A-7

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Best Local Share	100%	GP	100%	33;
Best Local Share	100%	GP	100%	33;
Matches	27	Conservative	14	Matches
			31	Index
				28;
				Caps
				6

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04	KAPITCELVANIAMWFM-----NATL-----ELVCA-PAACATZINDBHEM	07
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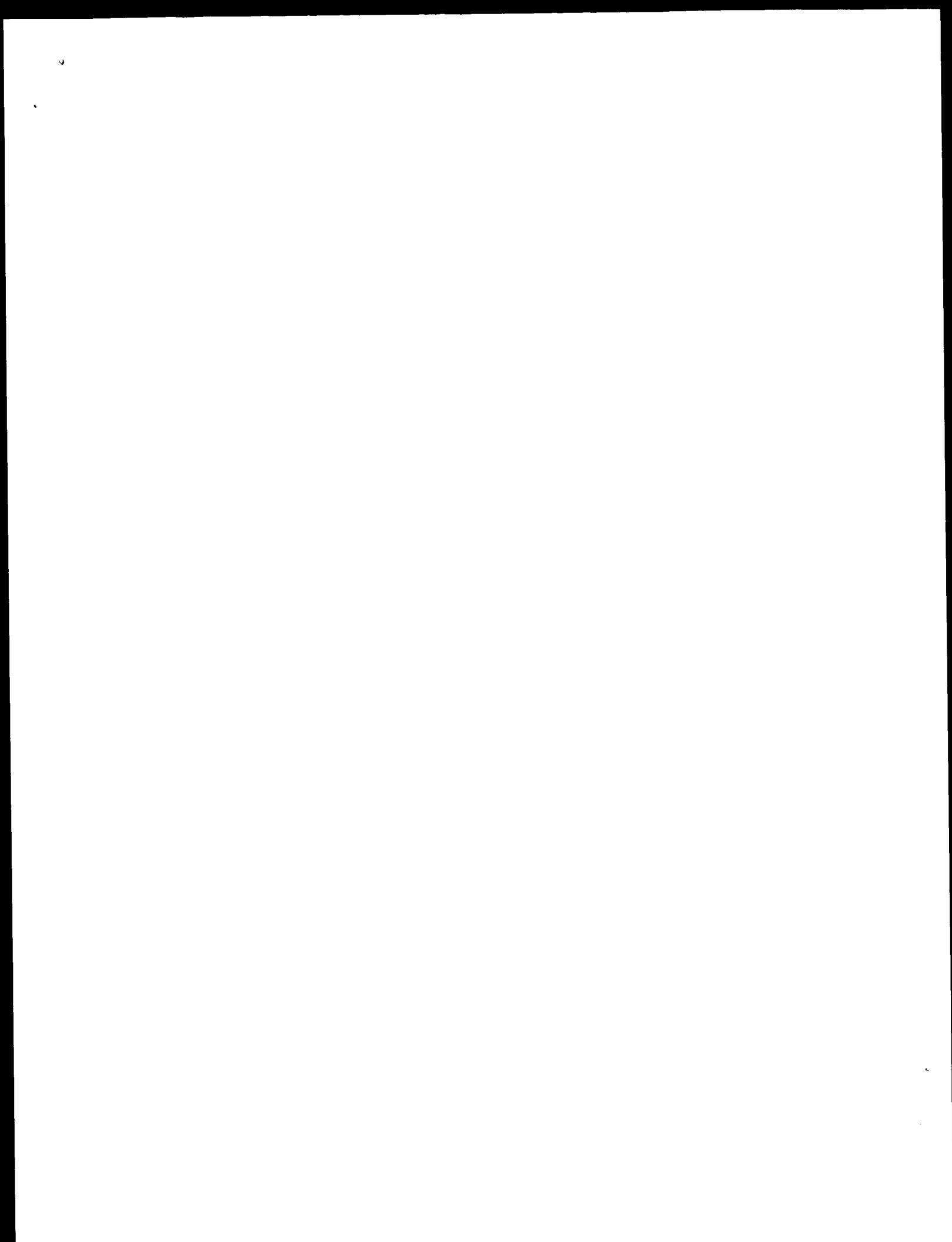
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1  RESULT 15
2  US-09-940-308-7
3  ; Sequence 7, Application US/09940308
4  ; Publication No. US2002019297A1
5  ;
6  GENERAL INFORMATION:
7  ;
8  APPLICANT: Margita, Robert A.
9  ;
10 TITLE OF INVENTION: Recombinant Human Alpha-Fetoprotein as
11 ;
12 TITLE OF INVENTION: An Investigative Agent
13 ;
14 FILE REFERENCE: 06/27/00003 US/97/340,308
15 ;
16 CURRENT FILING DATE: 2001-08-27
17 ;
18 PRIOR APPLICATION NUMBER: US 09/186,723
19 ;
20 PRIOR FILING DATE: 1998-11-05
21 ;
22 PRIOR APPLICATION NUMBER: US 08/377,309
23 ;
24 PRIOR FILING DATE: 1995-01-24
25 ;
26 NUMBER OF SEQ ID NOS: 16
27 ;
28 SOFTWARE: FASTSEQ for Windows Version 4.0
29 ;
30 SEQ ID NO: 7
31 ;
32 LENGTH: 393
33 ;
34 TYPE: prt
35 ;
36 ORGANISM: Homo sapiens
37 ;
38 US-09-940-308-7

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[illegible]

SEARCH COMPLETE : 2, 2005, 07:45:28  
 CPU time : 22 secs



GenCore version 5.1.3  
Copyright (c) 1993 - 2002 GenScript, Ltd.

OM protein - protein search, using sw model

Run on: January 12, 2003, 09:59:54 : Search time 42 seconds  
(without alignment)  
227,028 million cells updates/sec

Title: US-09-923-844B-4

Perfect score: 513

Sequence: 1: MAAFTWITFLVAVIAAWVF V:VAAWITVAVIAAWVF

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 293224 seqs, 9013422 residues

Total number of hits satisfying chosen parameters 293224

Minimum DB seq length: 0

Maximum DB seq length: 299999999

Post-filtering: Minimum Match 0  
Maximum Match 100%

Listing first 45 summaries

Database:

1: PIR73\*\*  
2: PIR73\*\*  
3: PIR73\*\*  
4: PIR73\*\*

Pred No is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No	Score	Query	Wt-H Length	PI	Description
1	250.5	48.4	95	2	Protein-10 protein pr
2	250.5	48.4	95	2	Protein-10 protein pr
3	226.5	44.2	96	2	Protein-10 protein pr
4	226.5	44.2	96	2	Protein-10 protein pr
5	182	36.1	96	2	Protein-10 protein pr
6	182	36.1	96	2	Protein-10 protein pr
7	168	32.7	98	2	Protein-10 protein pr
8	165	32.7	98	2	Protein-10 protein pr
9	163	31.8	102	2	Protein-10 protein pr
10	155.6	30.2	100	2	Protein-10 protein pr
11	155.6	30.2	100	2	Protein-10 protein pr
12	116.5	22.7	117	2	Protein-10 protein pr
13	116.5	22.7	117	2	Protein-10 protein pr
14	110	21.4	115	2	Protein-10 protein pr
15	110	21.4	115	2	Protein-10 protein pr
16	107	20.6	116	2	Protein-10 protein pr
17	107	20.6	116	2	Protein-10 protein pr
18	105.5	20.6	118	2	Protein-10 protein pr
19	104.5	20.4	117	2	Protein-10 protein pr
20	104	20.3	114	2	Protein-10 protein pr
21	103.5	20.2	119	2	Protein-10 protein pr
22	103	20.1	120	2	Protein-10 protein pr
23	101	19.7	123	2	Protein-10 protein pr
24	101	19.7	123	2	Protein-10 protein pr
25	100.5	19.6	117	2	Protein-10 protein pr
26	99.5	19.3	122	2	Protein-10 protein pr
27	99	19.3	121	2	Protein-10 protein pr
28	99	19.1	121	2	Protein-10 protein pr
29	99	19.1	121	2	Protein-10 protein pr

30	96.5	18.9	118	1	Protein-10 protein pr
31	96	18.7	116	2	Protein-10 protein pr
32	96	18.7	116	2	Protein-10 protein pr
33	95	18.5	123	1	Protein-10 protein pr
34	94.5	18.4	100	2	Protein-10 protein pr
35	94.5	18.4	115	2	Protein-10 protein pr
36	94.5	18.4	117	2	Protein-10 protein pr
37	94.5	18.4	117	2	Protein-10 protein pr
38	93.5	18.2	113	2	Protein-10 protein pr
39	93	18.1	112	2	Protein-10 protein pr
40	93	18.1	115	2	Protein-10 protein pr
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44	89	17.3	115	2	Protein-10 protein pr
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#### ALIGNMENTS

##### RESULT 1

002342

Uniprot: P00000, Zmnia.elegans

Accession: 002342

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 AReference: S0412  
 AAccession: S04126  
 AMolecule\_type: mRNA

[illegible]





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Query Match 20.9%; Score 107; DB 2; Length 116;

Best Local Similarity 31.6%; Ident. No. 0.00016; Mismatches 37; Indels 14; Gaps 4;

Matches 31; Conservative 16; Mismatches 37; Indels 14; Gaps 4;

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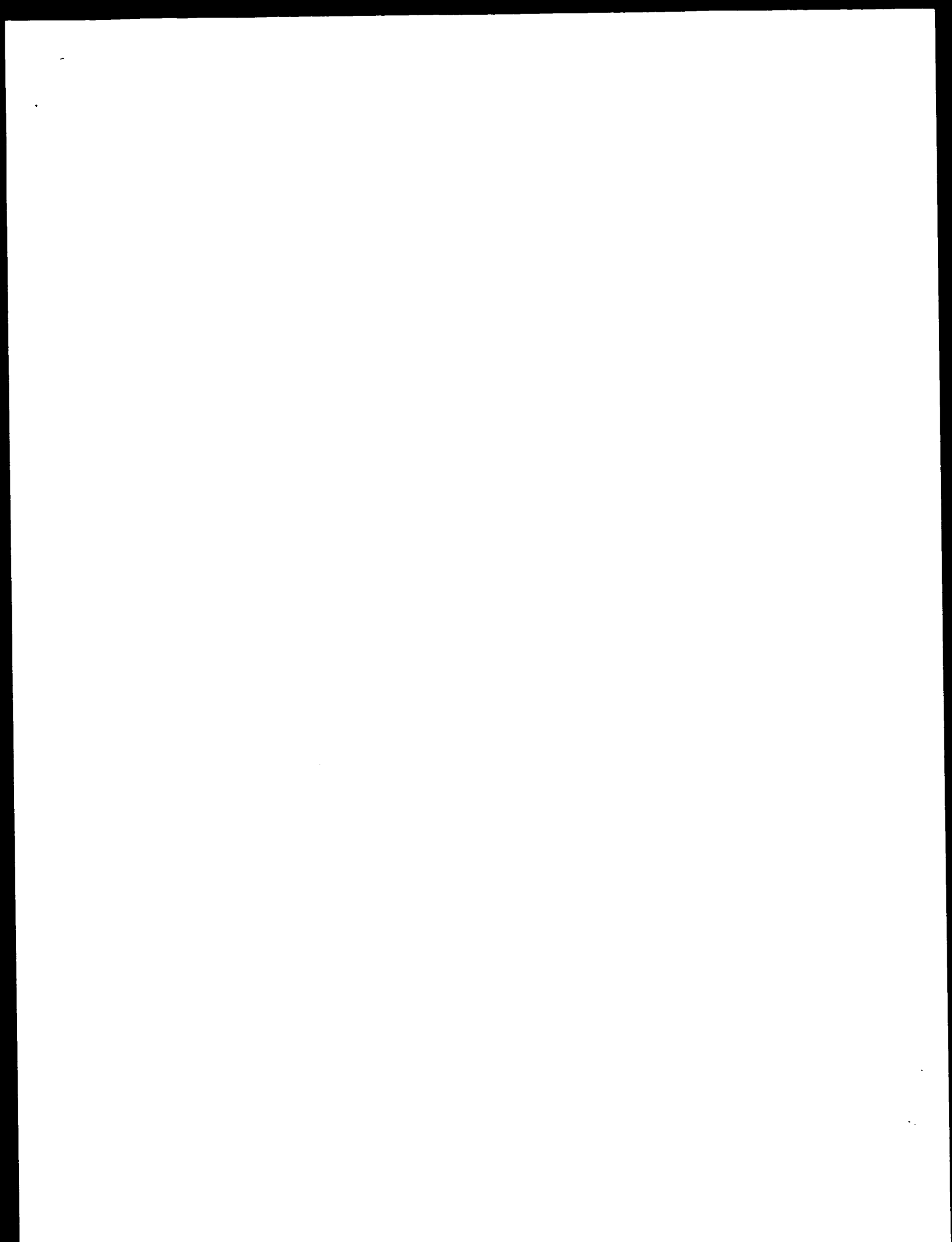
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CY 61 CFFFTTTRRFRF--QVSPAAAGKIAS--QVSP 45

DB 66 TADPFTACNCTFVAAGGIRGLNAGNVAASIPSKGVSP 103

Search completed: January 13, 2003, 09:06:06

Cdb time : 43 secs



[illegible]









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 FT CHAIN 4 100 MEMBRANE LIPID TRANSFER PROTEIN C.  
 FT DISULFID 33 81 POTENTIAL.  
 FT DISULFID 43 58 POTENTIAL.  
 FT DISULFID 59 104 POTENTIAL.  
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 SEQUENCE 122 AA; 11660 MW; 254563821AEEB CP00647;  
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 Best Local Similarity 41 %; Pred No 0.0012;  
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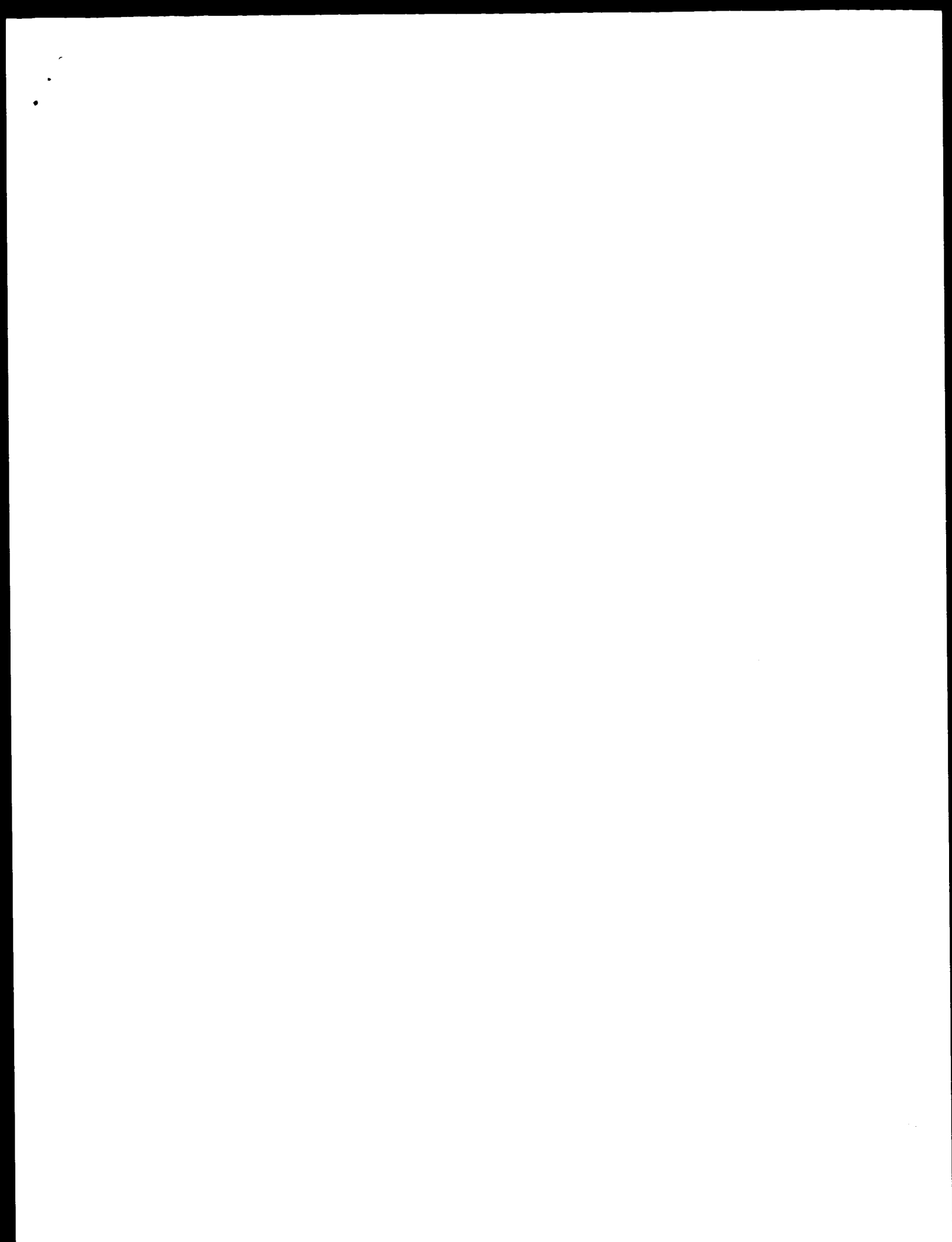
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